

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference PP04-0117	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/KR2005/000875	International filing date (<i>day/month/year</i>) 25 MARCH 2005 (25.03.2005)	(Earliest) Priority Date (<i>day/month/year</i>) 19 AUGUST 2004 (19.08.2004)
Applicant LG CHEM, LTD. et al		

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (See Box No. III)

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

- b. ☐ none of the figure is to be published with the abstract.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR2005/000875

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C08F 2/24, C08L 55/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 C08F 2/24, C08L 55/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for inventions since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

KIPASS, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5674940 A (Bayer AG) 07 October 1997 see the whole document	1-9
X	US 5883189 A (Bayer AG) 16 March 1999 see the whole document	1-9
X	WO 89/05836 A (The Dow Chemical Co.) 29 June 1989 see the whole document	1-9
A	KR 441799 B1 (LG Chem.) 27 July 2004 see the whole document	1-9
A	KR 2002-3458 A (Cheil Industries) 12 January 2002 see the whole document	1-9

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

12 JULY 2005 (12.07.2005)

Date of mailing of the international search report

12 JULY 2005 (12.07.2005)

Name and mailing address of the ISA/KR

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2005/000875

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5674940 A	07.10.1997	DE4414124A1 EP678531A1 EP678531B1 US5674940A	26.10.1995 25.10.1995 05.08.1998 07.10.1997
US 5883189 A	16.03.1999	AU4688997A1 CN1188118A DE19649255A1 DE59710956C0 EP845496A3 EP845496B1 JP10158343A2 US5883189A	04.06.1998 22.07.1998 04.06.1998 11.12.2003 05.08.1998 05.11.2003 16.06.1998 16.03.1999
WO 89/05836 A1	29.06.1989	DE3751728C0 EP390781A1 EP390781A4 EP390781B1 JP03501626 JP2799327B2	11.04.1996 10.10.1990 28.08.1991 06.03.1996 11.04.1991 17.09.1998
KR 441799 B1	27.07.2004	NONE	
KR 2002-3458 A	12.01.2002	NONE	

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